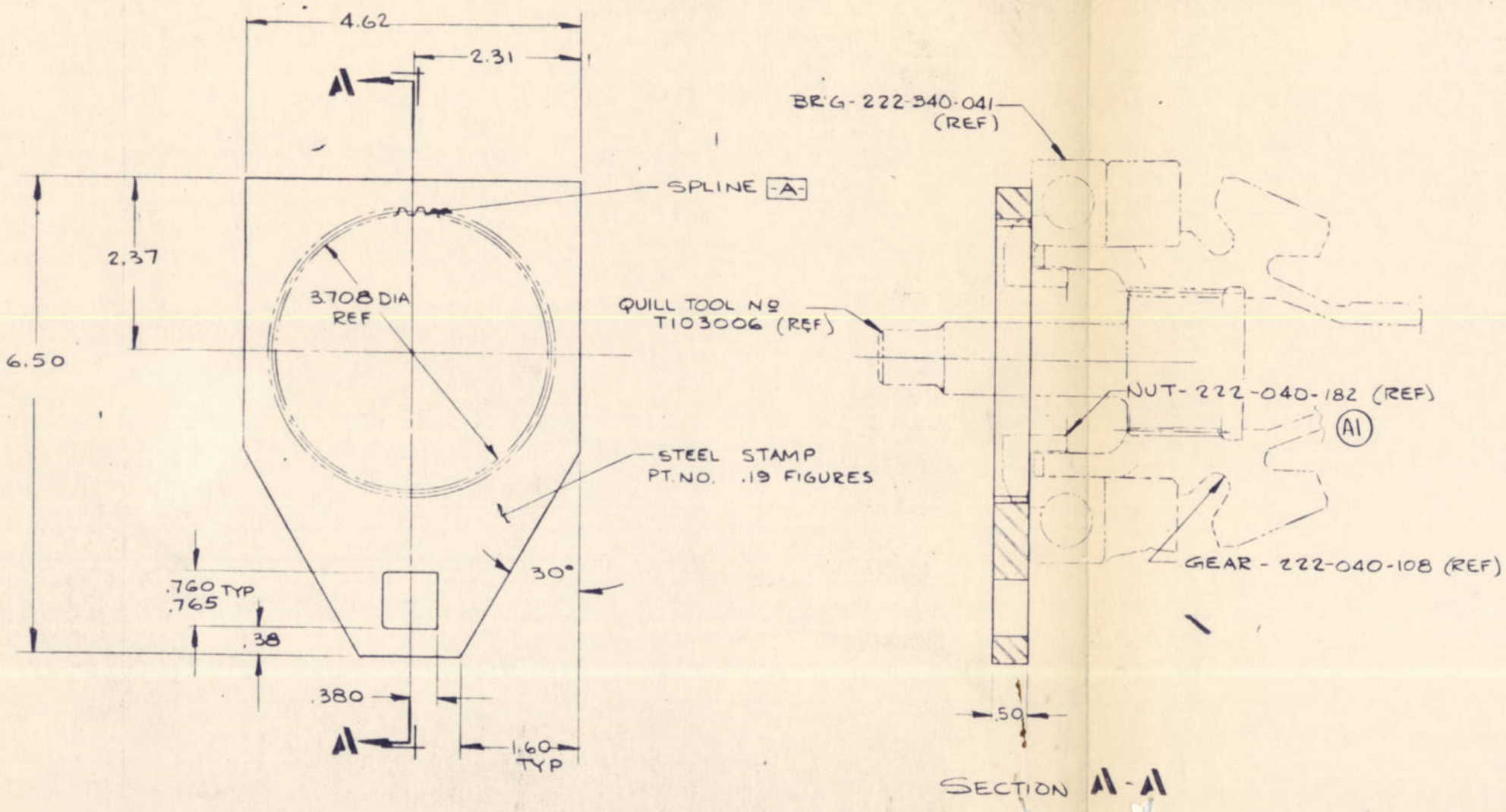
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	1 SEE E.O. 222AA6161 CHG FROM TEST TO PROD DWG REF TEST E.O. A566-12-02	3-23-79	FRID



NOTES:

1. BREAK ALL SHARP EDGES .015R OR .015x 40°-50° EXCEPT NOTED.
2. HEAT TREAT TO 145,000 ~ 165,000 PSI ROCKWELL R_C 32-36
3. (A1) USED WITH T103006 TO TORQUE 222-040-182 NUT

SPLINE -A-

TYPE	INTERNAL INVOLUTE, FLAT ROOT, SIDE FIT
NO. OF TEETH	60
PITCH	16/32
PRESSURE ANGLE	30°
BASE CIRCLE DIA. REF.	3.2475953
PITCH DIA. REF.	3.7500
MAJOR DIA. REF.	3.838
FORM DIA	3.820
MINOR DIA	3.713 - 3.708
CIRCULAR TOOTH SPACE	
MAX. ACTUAL REF	.1053
MIN. ACTUAL REF	.1022
MEASUREMENT BETWEEN .108 DIA PINS	3.6079 - 3.6024
SURFACE TEXTURE	125AA

SOURCES QUALIFIED AND APPROVED BY BHT FOR STANDARDS AND MATERIALS ARE LISTED IN REPORT 299-099-900.

FOR APPROVED INTERCHANGEABLE EQUIVALENTS AND SUPERSEDED PARTS—SEE BHT STANDARD 170-001

PROPRIETARY RIGHTS NOTICE

THIS DATA IS PROPRIETARY TO BELL HELICOPTER COMPANY. DISCLOSURE, REPRODUCTION, OR USE OF THIS DATA FOR ANY PURPOSE IS FORBIDDEN WITHOUT WRITTEN AUTHORIZATION FROM BELL HELICOPTER COMPANY.

THE FOREGOING DOES NOT APPLY TO VENDOR PARTS.

DASH NO.	NEXT ASSY	USED ON
	222-040-022	222
	APPLICATION	

UNLESS OTHERWISE SPECIFIED:
1. MARK PER BPS FW 4050
2. ~~BREAK ALL SHARP EDGES .015x45° OR .015R~~
3. TORQUE PER BPS FW 4018
4. SAFETY PER BPS FW 4043
5. DIMENSIONAL LIMITS APPLY AFTER PLATING

APPLICABLE DOCUMENTS:
ABBREVIATIONS PER MIL-STD-12
DIMENSIONING AND TOLERANCING PER USAS Y14.5
ELECTRICAL SYMBOLS PER USAS Y32.2
ELECTRICAL REF DESIGNATIONS PER USAS Y32.16

HEAT TREAT MIL-H-6875
FINISH SPEC
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS .XXX ± .010 .XX ± .03 .X ± .1 ANGLES ± 1°
SURFACE ROUGHNESS PER USAS B46.1
125 MACHINED SURFACES EXCEPT AS NOTED

CONTRACT NUMBER
DRAWN
CHECKED
STRESS
WEIGHTS
GROUP ENGR
DER
MET. DESIGN
PROJECT 8/18/75
CUSTOMER

QTY REQD	PART OR IDENTIFYING NO	CODE IDENT NO	NOMENCLATURE OR DESCRIPTION	STOCK SIZE	MATERIAL	MATERIAL SPEC	TENSILE LOAD PSI OR COND	CHEM FILM FINISH CODE 299-099-031
	T103007		WRENCH	.50x5x7	4130 ALY STL	COM'L	2	CB-2

PARTS LIST EWA A566-12 W.O. A566

BELL HELICOPTER COMPANY

TITLE WRENCH, SPLINED COLLECTOR PINION NUT

DWG SIZE	CODE IDENT NO	DWG NO
D	97499	RBT 103007

SCALE 1/1 SHEET 1 OF 1

NO REV. #